



Curriculum Vitae

Personal information **Ian Adcock**

Work experience

1. Employer: Imperial College London
 - Start date: 102004
 - End date:
 - Position: Professor
 - Activities: Research into chronic inflammatory lung diseases including asthma and COPD
Interest in glucocorticoid function and novel anti_inflammatory drugs
 - Country: United Kingdom
2. Employer: National Heart & Lung Institute
 - Start date: 061990
 - End date:
 - Position: Researcher
 - Activities: Research into chronic inflammatory lung diseases including asthma and COPD
Interest in glucocorticoid function and novel anti_inflammatory drugs
 - Country: United Kingdom

Education and training

1. Subject: United Medical and Dental Schools, London
 - Start date: 101983
 - End date: 011987
 - Qualification: PhD
 - Organisation: Molecular Pharmacology Endocrinology Translational Research
 - Country: United Kingdom

Additional information

Publications

1.
 - Alimohammadi M et al., Dual role of mir-146a in non-small cell lung cancer progression: Molecular mechanisms and clinical potential. *Cell Signal*. 2025 Sep 6:112115.
 - Pham DD et al., Biomarkers of type 2 inflammation as predictors of response to biologics for severe eosinophilic asthma. *ERJ Open Res*. 2025 Aug 26;11(4):00969-2024.
 - Shahbazi Khamas S et al., Complementary Predictors for Asthma Attack Prediction in Children: Salivary Microbiome, Serum Inflammatory Mediators, and Past Attack History. *Allergy*. 2025 Aug 18. doi: 10.1111/all.70004. Online ahead of print. PMID: 40823900
 - de Santana MBR et al., Chromosome 21 variants tied to severe asthma exacerbations: A genome-wide association study in a Brazilian population. *J Allergy Clin Immunol Glob*. 2025 Jun 2;4(3):100507.
 - Maneechotesuwan K et al., Increased eosinophils after oral corticosteroid treatment for asthma exacerbation correlated with longer ER stays and persisting thymic stromal lymphopoietin and increased Park2. *Sci Rep*. 2025 Jul 3;15(1):23755.
 - Cucco A et al., Exploring geographic differences in IgE response through network and manifold analyses. *J Allergy*

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Agache I et al., Personalized therapeutic approaches for asthma. J Allergy Clin Immunol. 2025 Sep;156(3):503-522.
Pham DD et al., Concurrent Blood Eosinophils and FeNO as Biological Therapy Indicators in Severe Asthma: Findings From the Precision Medicine Intervention in Severe Asthma Study. J Allergy Clin Immunol Pract. 2025 Jul;13(7):1681-1689.e2.
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Montuschi P, Adcock IM. Protein tyrosine phosphatase 4A3 inhibition: A new pharmacological strategy for acute lung injury? J Pharmacol Exp Ther. 2025 Jan 10;392(3):100045.
Kuks PJM et al., Neutrophilic inflammation in sputum or blood does not define a clinically distinct asthma phenotype in ATLANTIS. ERJ Open Res. 2025 Feb 17;11(1):00616-2024.
Heinemann L et al., Auto-antibodies against carbonyl-modified vimentin in COPD: potential role as a biomarker. J Inflamm (Lond). 2025 Feb 12;22(1):7.
Kang YR et al., Serum and urine eosinophil-derived neurotoxin (EDN) levels predict biologic response in severe asthma. World Allergy Organ J. 2025 Jan 9;18(1):100990.
Tejwani V et al., Distinct single-cell transcriptional profile in CD4+ T-lymphocytes among obese children with asthma. Am J Physiol Lung Cell Mol Physiol. 2025 Mar 1;328(3):L372-L378.
Liu G et al., Vitronectin regulates lung tissue remodeling and emphysema in chronic obstructive pulmonary disease. Mol Ther. 2025 Mar 5;33(3):917-932.
Reddy KD et al., Epigenetic Inhibitors Differentially Impact TGF- β 1 Signaling Cascades in COPD Airway Smooth Muscle Cells. Cells. 2024 Dec 31;14(1):31.
Daud T et al., The Role of WNT5a and TGF- β 1 in Airway Remodelling and Severe Asthma. Allergy. 2025 Apr;80(4):1025-1037.
Gil-Mata S et al., , Perceptions of the impact of individual allergic rhinitis symptoms: A survey of ARIA clinical experts. World Allergy Organ J. 2024 Dec 3;17(12):100999.
Meys R et al., Clinical importance of patient-reported outcome measures in severe asthma: results from U-BIOPRED. Health Qual Life Outcomes. 2024 Dec

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Projects

Recent Consortia involvement EPSRC_MRC Physics of Life INHALE project MRC_Korea PRISM programme MRC_ABPI COPD_MAP _ COPD endotyping EU_EFPIA (IMI) UBIOPRED _ molecular phenotyping of severe asthma (handprint discovery using multiple 'omics technologies) Belgium Government _ AirwaysII _ environment and exacerbations of lung disease EU FP6 Gabriel _ asthma genetics EU FP5 Inflammation in airways disease Jameel Trust, single cell analysis of fibrosis in ARDS: opportunities for drug repurposing in COVID_19 GSK, multi_omics analysis of the effect of mepolizumab in severe asthma (co_I) GSK, single cell analysis of eosinophils following mepolizumab treatment of severe asthmatics (co_I) Epigenetics in Pulmonary Hypertension. Epigenetics in COPD

Memberships

Fellow of British Pharmacological Society Fellow of the Royal Society of Biologists Fellow of the ERS Fellow of EAACI Member

ERS/ATS Task Force on Outcomes in COPD Clinical Trials Member ERS/ATS Task Force on Severe Asthma Member GMEC in Respiratory Disease

PI EU-funded U-BIOPRED project. PI COPD_MAP PI MRC/Asthma UK Centre in Asthma and Allergic Diseases PI Wellcome Trust Centre for Infectious Diseases PI Biomedical Research Unit (BRU) in COPD and Asthma at RBH

Member of the MRC Advisory Board (2003_2004). Member of the MRC College of Experts (2002_2009). Member of NIH Asthma Centre Review Panels 2007, 2011, 2012. Asthma UK Research Grants Committee (2001 - 2004). Clinical Research Committee Royal Brompton Hospital (1997 - present).

Current Head Asthma Section EAACI. Head ERS Assembly 5 (Airways Diseases) 2011_2014. Member ERS Council (2005_2008) Member of ATS Programme Committee 2010_2013

Editorial Board Membership: *European Respiratory Journal*, *Respiratory Research*, *Respiration*, *Pulmonary Pharmacology and Therapeutics*, *Journal of Inflammation*, *European Journal of Pharmacology*, *Drug Discovery Today*, *Journal of Pharmacology & Experimental Therapeutics* and *Therapeutic Advances in Respiratory Disease*. Ranked in top 25 most cited researchers within Europe in Respiratory Disease. Ranked 17th Worldwide for Asthma and 23rd Worldwide for COPD.

H index = 108 (Web of Science)

Other Relevant Information